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FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/525,277
Filing Date	Herewith
First Named Inventor	Gavin Paul Vinson
Art Unit	To Be Determined
Examiner Name	To Be Determined
Attorney Docket Number	KLBS0003-100

## ENCLOSURES (check all that apply)

☐ Fee Transmittal Form☐ Fee Attached☐ Amendment / Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☒ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Reply to Missing Parts/  
Incomplete Application☐ Reply to Missing Parts  
under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a  
Provisional Application☐ Power of Attorney, Revocation  
Change of Correspondence  
Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) \_\_\_\_\_☐ Landscape Table on CD☐ After Allowance Communication to TC☐ Appeal Communication to Board  
of Appeals and Interferences☐ Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s)  
(please identify below):Forms PTO SB/08a and SB/08b (3 pp.); (17)  
References Cited, (17) Reference Enclosed; and  
Copy of International Search Report for  
International Application No.  
PCT/GB2003/003758 dated April 21, 2004.

## Remarks

EXPRES MAIL LABEL NO: EV514685159US

DATE OF DEPOSIT: AUGUST 2, 2005

EV514685159US

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm

Cozen O'Connor

Signature

Printed Name

Paul K. Legaard, Ph.D.

Date

2 AUGUST 2005

Reg.  
No.

38,534

## CERTIFICATE OF TRANSMISSION/MAILING 8/3/2008

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

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Typed or printed name

Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



KLBS0003-100

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: **Vinson, Puddefoot and Barker**

Serial No.: 10/525,277

Group Art Unit: **To Be Determined**

Filing Date: **Herewith**

Examiner: **To Be Determined**

For: **Therapeutic uses of Monoclonal Antibodies to the Angiotensin-II Type-1 Receptor**

EXPRESS MAIL INFORMATION

Express Mail Label No: EV514685159US

Date Of Deposit: **AUGUST 2, 2005**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §§ 1.56 and in accordance with 37 C.F.R. §§ 1.97 and 1.98, information relating to the above-identified application is hereby disclosed, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO Forms SB/08A and SB/08B, formerly known as PTO Form 1449 submitted herewith.

Inclusion of the information submitted herewith is not to be construed as an admission that the information is material as that term is defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

**This Information Disclosure Statement is being filed:**

- ☐ within three months of the filing date of the patent application.
- ☐ within three months of the date of entry into the national stage as set forth in 37 C.F.R. § 1.491 of the international application.
- ☒ **before** the mailing date of a first Office Action on the merits.
- ☐ **after** the mailing date of a first Office Action on the merits, but before the mailing date of a Final Office Action under 37 C.F.R. § 1.116 or a Notice of Allowance under 37 C.F.R. § 1.311, and accordingly is accompanied by:

☐ the Statement under 37 C.F.R. § 1.97(e) (see "Statement" below);

or

☐ the Fee of \$180.00 set forth in 37 C.F.R. § 1.17(p); or

☐ No fee is owed by the applicant(s).

☐ In accordance with 37 C.F.R. § 1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, and accordingly is accompanied by the Statement under 37 C.F.R. § 1.97(e) (see "Statement" below) and the fee of \$180.00 as set forth in 37 C.F.R. § 1.17(p), is attached.

☐ after the mailing date of a Final Office Action under 37 C.F.R. § 1.116 or a Notice of Allowance under 37 C.F.R. § 1.311, but before the payment of the Issue Fee, and accordingly is accompanied by the Statement under 37 C.F.R. § 1.97(e), (see "Statement," and "Fees" below).

☒ Copies of the references listed on the attached PTO Forms SB/08a and SB/08b, formerly known as PTO Form 1449 are enclosed. Copy of International Search Report dated April 21, 2004 for International Application No. PCT/GB03/03758 is also enclosed.

**EXCEPT THAT:**

☐ In view of the voluminous nature of reference @ @, and the likelihood that this reference is available to the Examiner, copies are not enclosed herewith.

☐ In accordance with 37 C.F.R. § 1.98(d), copies of the following references listed on the attached PTO Form SB/08A and PTO Form SB/08B, formerly known as PTO Form 1449, are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application.

☐ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

**Statement under 37 C.F.R. § 1.97(e)**

- ☐ The undersigned attorney hereby states that each item information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.

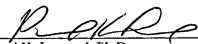
**Fees**

- ☒ No Fee is owed by the applicant(s).
- ☐ The Information Disclosure Statement Fee of \$180.00 under 37 C.F.R. § 1.17(p) is enclosed herewith.

**Method of Payment of Fees**

- ☐ Attached is a check in the amount of \$\_\_\_\_\_. This form is submitted in duplicate.
- ☐ Charge Deposit Account No. 50-1275 in the amount of \$180.00. This form is submitted in duplicate.
- ☒ Please charge any deficiency or credit any overpayment to Deposit Account 50-1275.
- ☐ No fee or Statement is required under 37 C.F.R. § 1.97(b).

Respectfully submitted,

  
Paul K. Legaard, Ph.D.  
Registration No. 38,534

Dated: 2 August 2005  
COZEN O'CONNOR, P.C.  
1900 Market Street, 5<sup>th</sup> Floor  
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11/23/2008



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(Use as many sheets as necessary)

Sheet	1	of	3
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<b>Application Number</b>	10/525,277
<b>Filing Date</b>	Herewith
<b>First Named Inventor</b>	Gavin Paul Vinson
<b>Art Unit</b>	To Be Determined
<b>Examiner Name</b>	To Be Determined
<b>Attorney Docket Number</b>	KLBS0003-100

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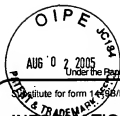
Examiner Signature	/Christopher Yaen/ (11/23/2008)	Date Considered	11/23/2008
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\* EXAMINER: Initiate if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (end by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or end suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.Y./ (11/23/2008)



USPTO form 1495B/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 3

## **Complete if Known**

Application Number	10/525,277
Filing Date	Herewith
First Named Inventor	Gavin Paul Vinson
Art Unit	To Be Determined
Examiner Name	To Be Determined
Attorney Docket Number	KLBS0003-100

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AC	Barker et al., "Monoclonal antibody to a conserved sequence in the extracellular domain recognizes the angiotensin II AT <sub>1</sub> receptor in mammalian target tissues," <i>J. of Molecular Endocrinology</i> (1993) 11:241-245.	
	AD	Cheng et al., "Young SHR express increased type 1 angiotensin II receptors in renal proximal tubule," <i>Am J Physiol.</i> (1998) 274(1 Pt 2):F10-7.	
	AE	De Paepae et al., "Growth stimulatory angiotensin II type-1 receptor is upregulated in breast hyperplasia and in situ carcinoma but not in invasive carcinoma," <i>Histochem Cell Biol</i> (2001) 116:247-254.	
	AF	Harrison-Bernard et al., "Immunohistochemical localization of ANG II AT <sub>1</sub> receptor in adult rat kidney using a monoclonal antibody," <i>Am J Physiol.</i> (1997) 273(1 Pt 2):F170-7.	
	AG	Inwang et al., "Angiotensin II type 1 receptor expression in human breast tissues," <i>J. of Cancer</i> (1997) 75(9):1279-1283.	
	AH	Kapas et al., "Internalization of the type I angiotensin II receptor (AT <sub>1</sub> ) is required for protein kinase C activation but not for inositol triphosphate release in the angiotensin II stimulated rat adrenal zona glomerulosa cell," <i>Biochemical and Biophysical Research Communications</i> (1994) 204(3):1292-1298.	
	AI	Ling et al., "Matrix-dependent gene expression of Egr-1 and PDGF regulate angiotensin II-induced proliferation in human vascular smooth muscle cells," <i>Hypertension</i> (1999) 34:1141-1146.	
	AJ	Marsigliate et al., "AT <sub>1</sub> angiotensin II receptor subtype in the human larynx and squamous laryngeal carcinoma," <i>Cancer</i> (1996) 110:19-27.	
	AK	Murphy et al., "Isolation of a cDNA encoding the vascular type-1 angiotensin II receptor," <i>Nature</i> (1991) 351:233-236.	
	AL	Richards et al., "Inhibition of central angiotensin responses by angiotensin type-1 receptor antibody," <i>Hypertension</i> (1993) 21(6):1062-1065.	
	AM	Tahmasebi et al., "Transcription of the prorenin gene in normal and diseased breast," <i>European J. of Cancer</i> (1998) 34(11):1777-1782.	

Examiner Signature	/Christopher Yaen/ (11/23/2008)	Date Considered	11/23/2008
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Southwest Research Center  
Substantive Patent 149B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 3 of 3

### Complete if Known

Application Number	10/525,277
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First Named Inventor	Gavin Paul Vinson
Art Unit	To Be Determined
Examiner Name	To Be Determined
Attorney Docket Number	KLBS0003-100

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AN	Touyz et al., "Angiotensin II stimulates DNA and protein synthesis in vascular smooth muscle cells from human arteries: role of extracellular signal-regulated kinases," <i>Hypertension</i> (1999) 17:907-916.	11/23/2008
	AO	Vinson et al., "Internalisation of the type I angiotensin II receptor (AT1) and angiotensin II function in the rat adrenal zona glomerulosa cell," <i>J. of Endocrinology</i> (1994) 141:RS-R9.	
	AP	Yang et al., "Involvement of MAP kinase in angiotensin II-induced phosphorylation and intracellular targeting of neuronal AT1 receptors," <i>J. of Neuroscience</i> (1997) 17(5):1660-1669.	
	AQ	Yang et al., "Increased angiotensin II type 1 receptor expression in hypercholesterolemic atherosclerosis in rabbits," <i>Arterioscler Thromb Vasc Biol.</i> (1998) 18(9):1433-9.	
	AR	International Search Report dated April 21, 2004 for International Application No. PCT/GB03/03758.	

Examiner Signature	/Christopher Yaen/ (11/23/2008)	Date Considered	11/23/2008
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